

## SYSTEM AND METHOD FOR BROADBAND MULTI-USER COMMUNICATION SESSIONS

### ABSTRACT OF THE INVENTION

A system and method of setting up a multi-user communication session over a global computer network are provided. The method includes first sending a session participation request message from a first user to a second user, where the session participation request message includes the first user's QoS requirements for the session. The second user then sends a negotiating message to the first user in response to receiving the session participation request message, where the negotiation message includes the second user's QoS requirements for the session responsive to the first user's QoS requirements. The resource availability in access networks of the first and second users according to the second user's QoS requirements is determined, and resources in the respective access networks of the first and second users are then reserved in response to resources being available to achieve the second user's QoS requirements. The first user thereafter sends an acknowledgement message to the second user in response to receiving the negotiating message to indicate the completion of QoS provisioning.